**Ans1.**

echo Enter word?

read word

var = ${word^}

echo $var

**Ans2:**

echo -num "Enter Number"

read num

temp =0

add = 0

while [$num -gt 0]

do

temp=$(( $num % 10 ))

num=$(( $num / 10 ))

sum=$(( $sum + $temp ))

done

echo "Additon of all Numbers $ad"

**Ans3:**

#!/bin/bash

read -n "Enter Number A and B : " a b

if [ "$\*" == "" ]; then

echo "No arguments provided"

exit 1

fi

result=$(( a \* b ))

echo "$a \* $b = $result"

**Ans4:**

#!/bin/bash

echo "Enter First Number"

read num1

echo "Enter Second Number"

read num2

if [ "$\*" == "" ]; then

echo "No arguments provided"

exit 1

fi

result=$(( num1 \* num2 ))

echo "$num1 \* $num2 = $result"

**Ans5:**

echo "Enter name to create directory"

read dirrctoryname

if [ ! -d "$dirrctoryname" ]

then

echo "File doesn't exist than create new directory"

mkdir ./$dirrctoryname

echo "Directory created"

else

echo "Directory exists"

echo "Enter the name of file: "

read filename

if [ -e $filename ]

then

echo $filename" File exist"if [ -s $filename ]

then

echo $filename" Size of File > 0"else

rm $filename

echo $filename" Delete !!! File which have size 0 byte"

fi

else

echo "File not exist"

fi

fi

ln -s /dirrctoryname ~/pathABC

cd ~/pathABC

echo "Enter the File Name to Create"

read filename

touch ./$filename